

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **Interference-Free LMS-Based Adaptive Asynchronous Receiver**  
the specification of which (check only one item below):

☐ is attached hereto.

☐ was filed as United States application

Serial No \_\_\_\_\_

on \_\_\_\_\_

and was amended

on \_\_\_\_\_

☒ was filed as PCT international application

Number PCT/IB03/01605

on 15 April 2003

and was amended under PCT Article 19

on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

| COUNTRY | APPLICATION NUMBER | DATE OF FILING<br>DAY, MONTH, YEAR | PRIORITY<br>CLAIMED UNDER<br>35 USC 119 |
|---------|--------------------|------------------------------------|---|
| EUROPE  | 02291027.7         | 23 April 2002                      | YES                                     |
|         |                    |                                    |   |
|         |                    |                                    |   |
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U.S. DEPARTMENT OF COMMERCE –Patent and Trademarks Office  
(July 1994)

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| <b>Combined Declaration For Patent Application and Power of Attorney (Continued)</b><br>(includes Reference to PCT International Applications)  |  |  |  | Attorneys Docket Number<br><b>PHBE020012 US</b>                            |  |
| <b>POWER OF ATTORNEY:</b> As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number) |  |  |  |  |  |
| 3<br>Jack E. Haken, Reg. No. 26,902<br>Michael E. Marion, Reg. No. <u>32,266</u><br>Edward M. Blocker, Reg. No. <u>30,245</u>   |  |  |  | Direct Telephone Calls to:<br>(name and telephone number)<br>(914)332-0222 |  |

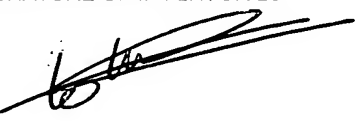
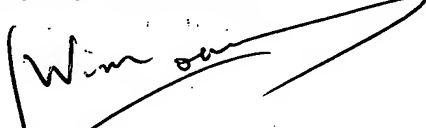
|      |     |  |  |  |   |
|------|-----|--|--|--|---|
| 1-00 | 201 | FULL NAME OF INVENTOR<br><b>MODRIE</b>     | FAMILY NAME<br><b>MODRIE</b>               | FIRST GIVEN NAME<br><b>David</b>                           | SECOND GIVEN NAME                           |
|      |     | RESIDENCE & CITIZENSHIP<br><b>HALLE</b>    | CITY<br><b>HALLE</b>                       | STATE OR FOREIGN COUNTRY<br><b>BELGIQUE</b> <del>BLX</del> | COUNTRY OF CITIZENSHIP<br><b>BELGIQUE</b>   |
|      |     | POST OFFICE ADDRESS<br><b>RUBENSLAAN 5</b> | POST OFFICE ADDRESS<br><b>RUBENSLAAN 5</b> | CITY<br><b>BE-1500 HALLE</b>                               | STATE & ZIP CODE/COUNTRY<br><b>BELGIQUE</b> |

|      |     |   |  |   |  |
|------|-----|---|--|---|--|
| 2-00 | 202 | FULL NAME OF INVENTOR<br><b>COENE</b>     | FAMILY NAME<br><b>COENE</b>              | FIRST GIVEN NAME<br><b>Willem</b>                                 | SECOND GIVEN NAME<br><b>Marie</b>                  |
|      |     | RESIDENCE & CITIZENSHIP<br><b>GELDROP</b> | CITY<br><b>GELDROP</b>                   | STATE OR FOREIGN COUNTRY<br><b>THE NETHERLANDS</b> <del>BLX</del> | COUNTRY OF CITIZENSHIP<br><b>BELGIQUE</b>          |
|      |     | POST OFFICE ADDRESS<br><b>PALANTIR 7</b>  | POST OFFICE ADDRESS<br><b>PALANTIR 7</b> | CITY<br><b>5663 SE GELDROP</b>                                    | STATE & ZIP CODE/COUNTRY<br><b>THE NETHERLANDS</b> |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

|  |  |
|--|--|
| SIGNATURE OF INVENTOR 201<br> | SIGNATURE OF INVENTOR 202<br> |
| DATE 6 SEPTEMBER 2004  | DATE 6 SEPTEMBER 2004  |

U.S. DEPARTMENT OF COMMERCE- Patent and Trademarks Office

(July 1994)

## POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby appoint:

☒ Practitioners associated with the Customer Number:

24737

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

| Name | Registration Number |
|------|---------------------|
|      |                     |
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as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

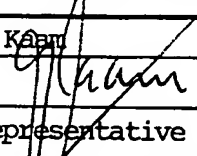
Assignee Name and Address:

Koninklijke Philips Electronics N.V.  
Groenewoudseweg 1  
5621 BA Eindhoven, The Netherlands

**A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.**

### SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

|           |   |           |                |
|-----------|---|-----------|----------------|
| Name      | Matthieu van Kesteren   |           |                |
| Signature |  | Date      | April 29, 2004 |
| Title     | Authorized Representative   | Telephone | (914) 333-9600 |

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

DT05 Rec'd PCT/PTO 19 OCT 2004

PTO/SB/96 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Koninklijke Philips Electronics N.V.Application No./Patent No.: Concurrently Filed/Issue Date: ConcurrentlyEntitled: INTERFERENCE-FREE LMS-BASED ADAPTIVE ASYNCHRONOUS RECEIVERKoninklijke Philips Electronics N.V., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or2. ☐ an assignee of less than the entire right, title and interest.The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.**OR**B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.☐ Additional documents in the chain of title are listed on a supplemental sheet.☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

10/2/04  
Date(914) 333-9643

Telephone number

Michael E. Belk, Reg. 33,357

Typed or printed name

Michael E. Belk

Signature

Corporate Counsel

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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